

IN THE CLAIMS

Please cancel claims 1-3 without prejudice or disclaimer, and add the following claims:

4. (New) A tissue micro-array (TMA) builder manual set, comprising:
a tissue core punch extractor;
a TMA block mold which includes a lower part and an upper part;
a paraffin block holder;
wherein said lower part of said TMA block mold includes mandrels disposed vertically and arranged in rows and columns;
wherein said upper part of said TMA block mold includes a cleavage surrounded by a margin for receiving said mandrels when said TMA block mold is assembled;
wherein said margin and a size of said cleavage are such as to fit a shape and a size of said paraffin block holder; and
wherein said TMA builder manual set further comprises directing nipples and threaded arms for connecting said lower and upper parts of said TMA block mold.
5. (New) The TMA builder manual set of claim 4, wherein said lower part of said TMA block mold further includes at least two vertically directed nipples, and said upper part of said TMA block mold has bore holes formed therein, and wherein said at least two vertically directed nipples are arranged in a vertical direction and join said bore holes.
6. (New) The TMA builder manual set of claim 5, wherein said lower part of said TMA block mold further includes threaded arms, and said upper part of said TMA block mold has at least two additional bore holes formed therein for receiving said threaded arms of said lower part of said TMA block mold when said TMA block mold is assembled.

7. (New) The TMA builder manual set of claim 4, wherein said lower part of said TMA block mold further includes threaded arms, and said upper part of said TMA block mold has at least two additional bore holes formed therein for receiving said threaded arms of said lower part of said TMA block mold when said TMA block mold is assembled.